

# CSWC Operational Period Summary

## 0600 January 17 2016 to 1800 January 17 2016



Traffic makes its way in the rain on Highway 101 toward the Golden Gate Bridge

Photo Credit: Eric Risberg/AP

Note: [Report updates are in blue](#)



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# **SITUATION SUMMARY**

## **2016-Coastal-20890, Garberville, Humboldt County, Sandbag Distribution**

- Humboldt County Public Works Dispatch Center per Garberville Public Works Roads Superintendent requested one Cal Fire hand crew and supervisor from Cal Fire Humboldt Del Norte Unit at 1130 1/17/16 to assist with sandbag distribution for potential river flooding protection. Crew was dispatched and is available on scene in Garberville area ready for response county-wide.

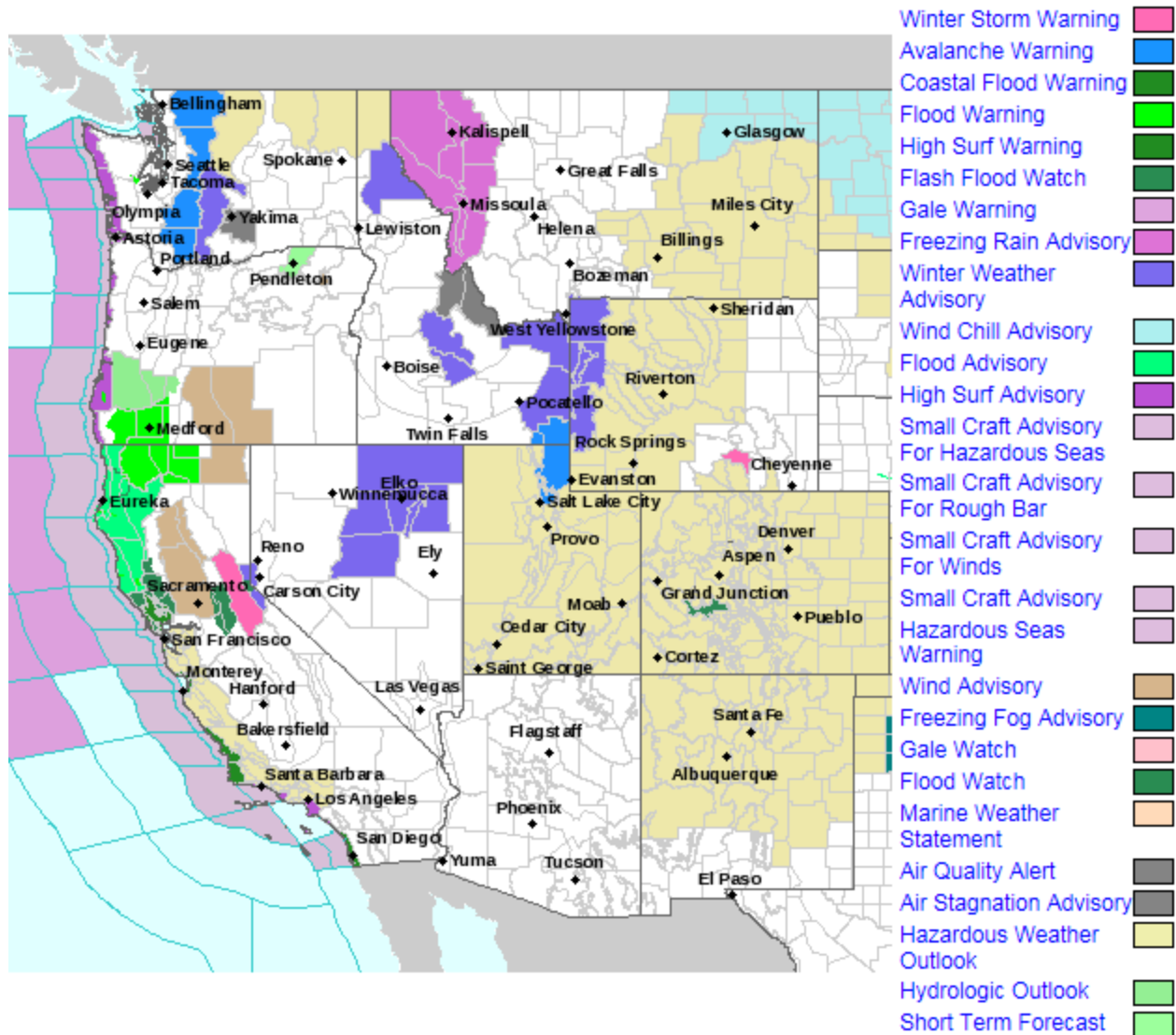
## **Cal EOC Incident – 2014 Drought**

- SOC / Inland REOC remains activated in support of 2014 Drought

## **Active Weather Warnings, Watches and Advisories by County:**

[http://www.wrh.noaa.gov/sto/brief/wwa\\_bc\\_cal.php](http://www.wrh.noaa.gov/sto/brief/wwa_bc_cal.php)

# WEATHER



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# REGIONAL WINTER WEATHER SUMMARY

## COASTAL REGION

### North Coast

- Strong winds, peaking early Monday morning with gusts of 50 to 60 mph in exposed areas
- Per Caltrans HQ Comm. Center at 1256 hours on Sunday, Highway 101 in Humboldt is reopened to northbound traffic 1.3 miles north of the junction to State Route 211.
- Humboldt County EOC activated to Level 1 at 1200 hours on Sunday, Cal OES ESC deployed to support EOC. [Cal OES ESC, \(2016-Coastal-20893\) has been released for the day and will return Monday at 0700 hours. There will be a night crew monitoring at level 1 in the EOC tonight.](#)
- Heavy rain Sunday with urban and small stream flooding likely and significant rises on main stem rivers
- Possible land/mud/rock slides over roads with steep embankments
- Del Norte County, 3 to 5 inches locally up to 7 inches
- Humboldt County, 2 to 4 inches locally up to 6 inches
- Northern Mendocino County, 2 to 5 inches locally up to 6 inches
- Southern Mendocino County, 2 to 3 inches
- High Surf, breaking waves 22 to 28 feet along west and northwest facing beaches. Breaking waves 18 to 22 feet along southwest facing beaches
- Water over low-lying roadways, localized urban flooding, flooded fields, and debris on roadways
- Large surf and swelling river may cause Highway 1 at Manchester to be closed

### Missions

- **2016-Coastal-20876, Ferndale, Humboldt County, Sandbag Distribution** - Ferndale City Manager requested one Cal Fire hand crew and supervisor from Cal Fire Humboldt Del Norte Unit at 0930 hours on Saturday to assist with sandbag distribution in advance of potential river flood event on Sunday. All information verified with Cal Fire, Cal OES Fire, County of Humboldt OES and EDO. Crew was dispatched.
- **2016-Coastal-20890, Garberville, Humboldt County, Sandbag Distribution** - [Humboldt County Public Works Dispatch Center per Garberville Public Works Roads Superintendent requested one Cal Fire hand crew and supervisor from Cal Fire Humboldt Del Norte Unit at 1130 1/17/16 to assist with sandbag distribution for potential river flooding protection. Crew was dispatched and is available on scene in Garberville area ready for response county-wide.](#)

# REGIONAL WINTER WEATHER SUMMARY

## COASTAL REGION (Cont.)

### **Lake County**

- Valley/Rocky/Jerusalem fire burn areas: Potential Flash flooding and/or rock/debris flows.
- DWR staff have pre-positioned 52,000 sandbags in cooperation with Lake County OES

### **SF/Monterey Bay Areas**

- Widespread rainfall amounts of 0.75 inch to 1.50 inch in the San Francisco and Monterey Bay region, lesser amounts possible in the southern inland valleys of Monterey County.
- Rainfall of 1.50 inch to 2.50 inches likely in the North Bay and 2.25 inches to 3.50 inches in the coastal ranges and higher elevations of the North Bay and 1.50 inch to 2.25 inches in the southern coastal ranges.
- Periods of heavy rain will likely result in local urban flooding of low lying or poorly drained areas, especially over the North Bay region. Localized debris flows, rockfalls and mud slides will also be possible as a result of intense periods of rainfall.
- Coastal flooding possible during high tide Sunday

## INLAND REGION

### **Shasta Valley – Siskiyou County**

- High winds will cause increased chance of property damage
- Travel impacts – especially for high profile vehicles with south winds 30 to 50 MPH with gusts to 60 MPH
- Moderate to heavy rainfall Sunday with snow levels at 6000 to 7000 feet
  - Happy Camp region expected to see 2 inches of rainfall in 24hr period
  - Small streams and creeks could exceed banks. No flooding of main stem rivers

### **Trinity County**

- Rainfall 2 to 4 inches
- Per Caltrans HQ Comm. Center at 1330 hours on 1/16/16, State Route 299 closed both directions at post mile 23, 1.3 miles east of Del Loma. Closure occurred at 1030 hours on 1/16/16, Caltrans is on scene. Time of reopening is unknown.

### **Eastern Sierras/Tahoe Basin**

- Higher terrain, above 6500 feet, could reach 4-8 inches up to pass level and 8 to 14 inches above 7000 feet through Monday
- Foothill communities below 5500 feet will see 2-4 inches of a mix of rain and snow.
- Travel impacts – Gusty winds and dangerous cross winds combined with snow covered and icy roads over passes Sunday through **5**

Tuesday



# REGIONAL WINTER WEATHER SUMMARY

## INLAND REGION (Cont.)

### **Sacramento and San Joaquin Valleys**

- Potential of flash flooding and or mud and debris flows for the King and Butte Fire burn scar areas.
- 1 to 2 inches total precipitation is forecast through Monday

## SOUTHERN REGION

### **South Coast**

- Minor beach erosions possible with strong rip currents through Tuesday
- Minor flooding possible for low lying areas Saturday through Tuesday
- Minor damage to coastal structures possible during times of highest surf through Tuesday

### **Southern Sierras**

- Travel impacts – Snow expected over passes with gusty winds Sunday through Tuesday

# OTHER SIGNIFICANT INFORMATION

## Coast Guard advises the public of severe weather conditions in California harbors

- The Coast Guard advises the public to exercise caution when in and around central and southern California harbors. A combination of larger sea swells and tides are occurring due to the effects of several severe weather systems moving through the area.

## Unusual Water Levels Arena Cove, Mendocino County

- The California State Warning Center (CSWC) was contacted at 0638 hours by the National Tsunami Warning Center (NTWC) in Palmer Alaska, advising of unusual water levels around Arena Cove area in Mendocino County. They stated this was the most impacted area, but have been seeing events of this nature all along the western coast line. No seismic activity occurred for them to give any warning or notification of this event. The NTWC requests counties making a report of a possible tsunami style wave or damage to contact them as well. This event appeared to have been ongoing for the last 20 hours with evidence showing that the occurrence is getting smaller and not building up anymore.
- Per California Geological Survey (CGS): They confirmed that there was "tsunami-like" water-level fluctuations for much of the state that started yesterday about noon. CGS looked at three Tide Gauges, Crescent City, Arena Cove, and Monterey. The highest water-level peaks in northern California were about 1ft above normal conditions at 6pm yesterday (1/16) in Crescent City. Checking the rest of the state, and fluctuations are diminishing except they appear more recent on the Santa Barbara tide gauge, where recent peaks are 0.5ft above normal conditions. CGS is not sure it is worth notifying anyone in southern California but it might be worthwhile monitoring.
- This doesn't seem to be related to seismic activity, as the last potential tsunamigenic earthquake was on January 13th, a M6.7 in northern Japan which would not cause a tsunami along our coast. This may be somehow related to offshore storm activity, but would need to confirm this with NOAA.



# SIGNIFICANT WATCHES AND WARNINGS

## **COASTAL REGION**

- High Surf Warning in effect until 2100 hours Sunday for Coastal North Bay Including Point Reyes National Seashore; Northern Monterey Bay; San Francisco; San Francisco Peninsula Coast; Southern Monterey Bay and Big Sur Coast
- Flash Flood Watch in effect from Sunday morning through Monday morning for the Valley, Rocky, Jerusalem fire burn areas, Lake County
- Flash Flood Watch in effect from Sunday at 0400 hours to Monday at 0400 hours for Napa, Sonoma and Marin counties
- Areal Flood Watch in effect from Sunday at 0400 hours to Monday at 0400 hours for Del Norte, Humboldt and Mendocino counties
- Flood Watch in effect for the Eel River At Fernbridge from Sunday at 2300 hours until Monday at 2230 hours
- Flood Watch in effect from Sunday at 1300 hours to Monday at midnight for Lake County

## **INLAND REGION**

- High Wind Warning in effect until 2200 hours Sunday for areas in Siskiyou County
- High Wind Warning in effect until 2200 hours Sunday for areas in Modoc County
- High Wind Watch in effect through Sunday evening for areas in Siskiyou and Modoc Counties
- Areal Flood Watch from 0400 hours Sunday hours to Monday at 0400 hours for Siskiyou and Trinity counties.
- Flash Flood Watch in effect from 1300 hours Sunday until 0400 hours Monday for Amador, Calaveras and El Dorado Counties including the Butte and King Burn Scars.
- Winter Storm Warning in effect for snow and blowing snow from 1400 hours Sunday through 1000 hours Monday morning above 6500 feet for Alpine, Amador, Calaveras, Nevada, Placer, Sierra, Tuolumne and Yuba counties.
- Flash Flood Watch in effect until 1600 today for Western Siskiyou County including the Happy Camp and July Complex Burn Areas.

## **SOUTHERN REGION**

- High Surf Warning in effect through 1400 hours Tuesday for the San Luis Obispo and Santa Barbara County Coasts



# RIVER FORECASTS

As of 1800 hours on 01/17/16:

## COASTAL REGION

- Smith River at Dr. Fine Bridge is forecasted to go above monitor stage (Del Norte County).
- Scott River at Fort Jones is forecasted to go above monitor stage (Siskiyou County).
- Klamath River at Klamath is forecasted to go above monitor stage (Del Norte County).
- Mad River at Arcata forecasted to go above monitor stage (Humboldt County).
- Eel River at Fernbridge is forecasted to go above Flood stage (Humboldt County).
  - **Impacts:** The western half of the Eel Delta may be completely flooded, especially if at or above this level for an extended period of time. This include areas northwest of Loleta, Cannibal Island Road. A Special Action Advisory is being issued to all owners of livestock in low-lying areas of the Eel Delta.
- Van Duzen at Bridgeville is forecasted to go above Flood Stage (Humboldt County).
  - **Impacts:** Minor flooding of Highway 36 near Grizzly State Park and the lower portion of the park. No structure threat.
- South Fork Eel River at Miranda is forecasted to go above monitor stage (Humboldt County).
- Navarro River at Navarro is forecasted to go above Flood stage (Mendocino County).
  - **Impacts:** Include flooding of Highway 128 approximately 5 miles from Highway 1.

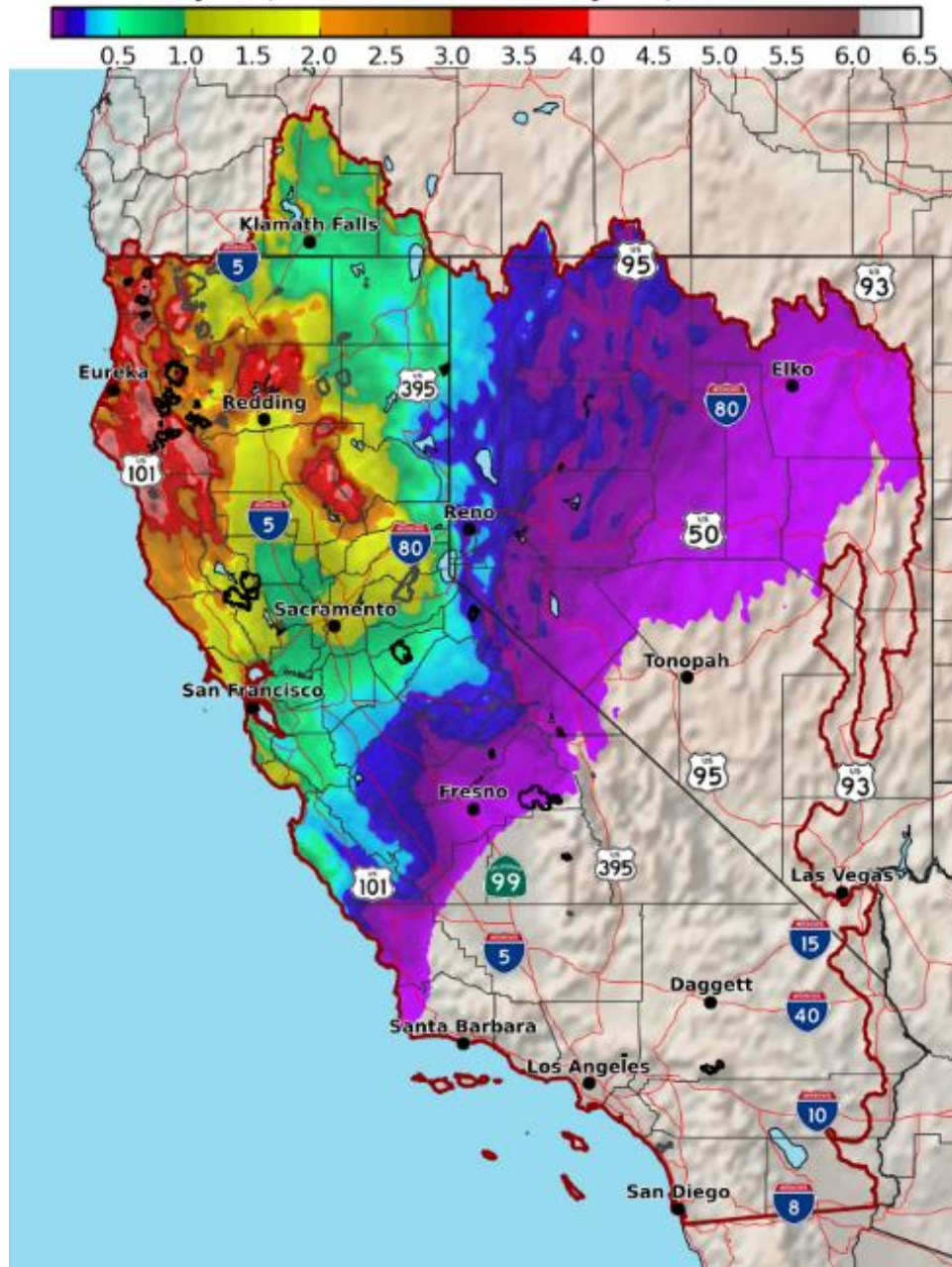
## INLAND REGION

- Sacramento River at Tehama Bridge is forecasted to go above [monitor stage](#) (Tehama County).
- Sacramento River at Ord Ferry is forecasted to go above monitor stage (Glenn County).
- Sacramento River at Colusa Weir is forecasted to go above monitor stage (Colusa).
- Sacramento River at Colusa Bridge is forecasted to go above monitor stage (Colusa).
- Sacramento River at Tisdale Weir is forecasted to go above monitor stage (Sutter County).



# 24 HOUR PRECIPITATION FORECAST

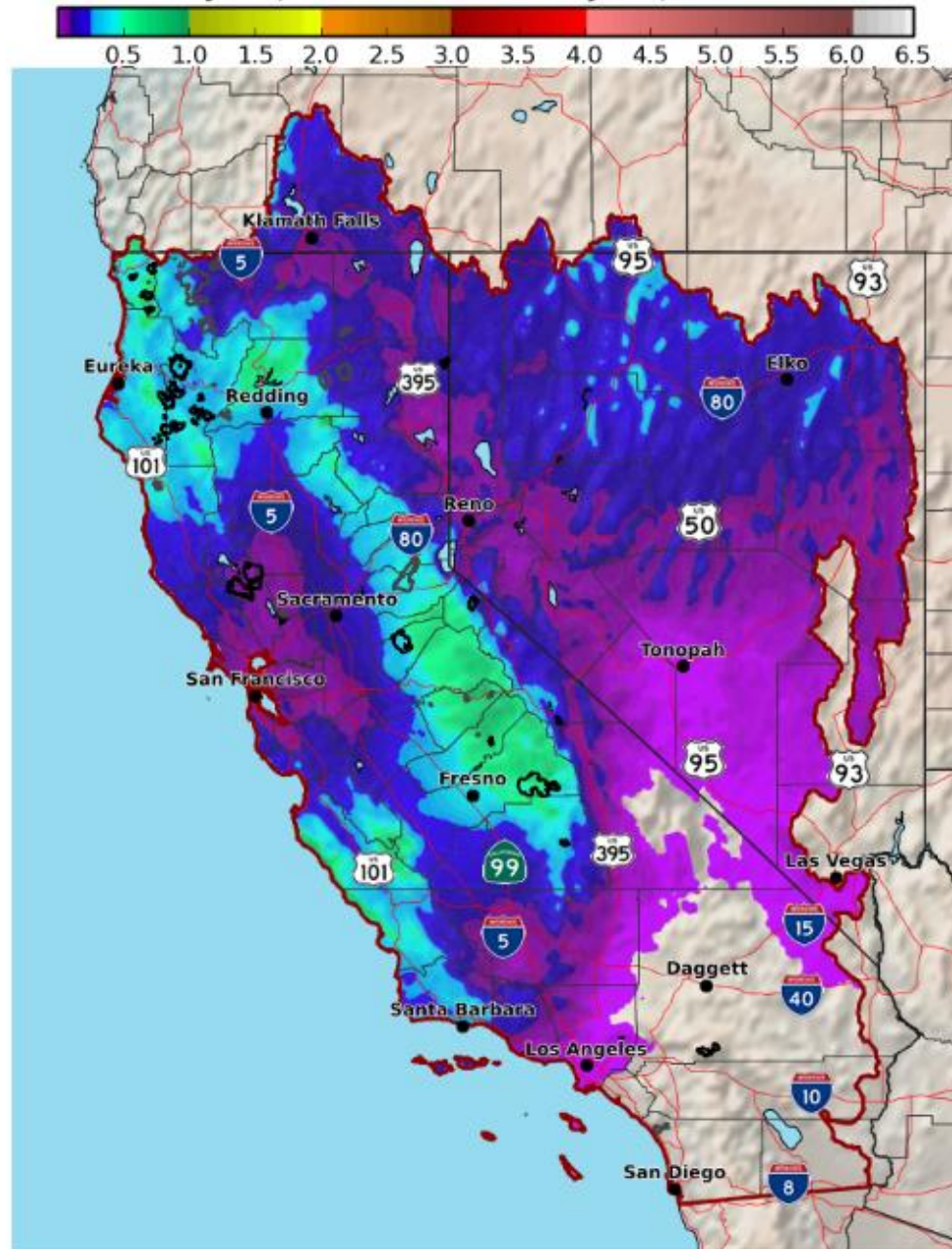
Valid: Sun Jan 17, 2016 at 04 AM PST to Mon Jan 18, 2016 at 04 AM PST



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# 24 HOUR PRECIPITATION FORECAST

Valid: Mon Jan 18, 2016 at 04 AM PST to Tue Jan 19, 2016 at 04 AM PST

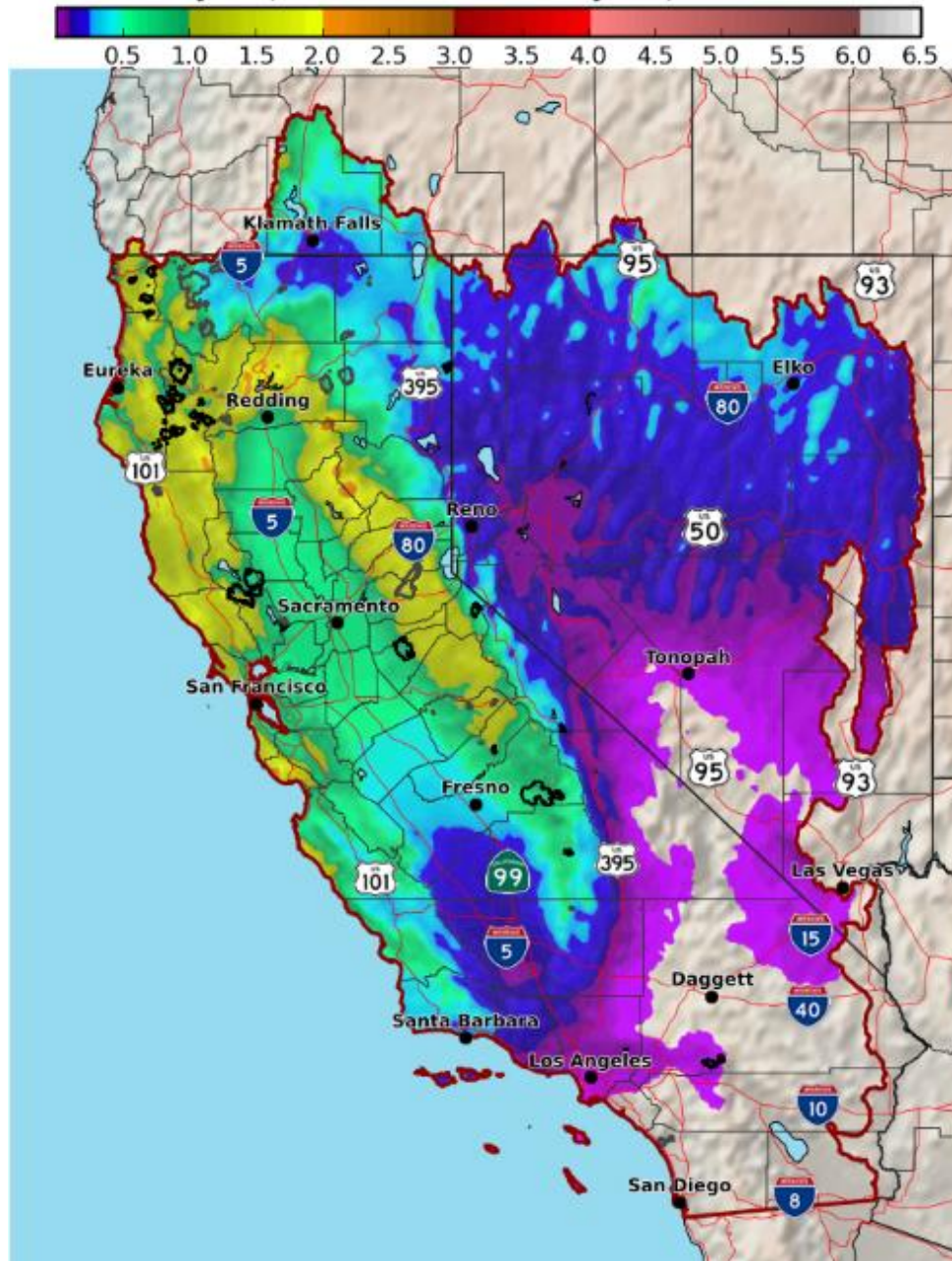


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# 24 HOUR PRECIPITATION FORECAST

Valid: Tue Jan 19, 2016 at 04 AM PST to Wed Jan 20, 2016 at 04 AM PST



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# **FIRE ACTIVITY**

## **Preparedness Levels**

### **National Preparedness Level 1**

#### **Northern California**

Preparedness Level 1, Multi-Agency Coordination System MACS Mode 2

#### **Southern California**

Preparedness Level 2, Multi-Agency Coordination System MACS Mode 2

## **California Fire Potential & Weather Maps**

### **Southern California 7 Day Significant Fire Potential**

<http://psgeodata.fs.fed.us/7day/action/forecast/8>

### **Northern California 7 Day Significant Fire Potential**

<http://psgeodata.fs.fed.us/7day/action/forecast/10>

### **California Fire Weather Map Watches and Warnings**

<http://www.wrh.noaa.gov/firewx/main.php>

### **NWS California River Forecast Center:**

<http://www.cnrfc.noaa.gov/>



# CAL OES 2014 DROUGHT

## Cal EOC Incident – 2014 Drought

- The SOC is activated in support of the Drought State of Emergency and continue to monitor the situation.
- The Governor issued Executive Order B-26-14 on 09/19/14, to streamline relief efforts for families with drinking water shortages due to drought, specifically through the California Disaster Assistance Act, to provide temporary water supplies to households without water for drinking and/or sanitation purposes.
- The Governor issued Executive Order B-29-15 on 04/01/15 which announced actions that will save water, increase enforcement to prevent wasteful water use, streamline the state's drought response and invest in new technologies to make California more drought resilient.
- CDAA 2014 Drought Fact Sheet and Frequently Asked Questions provided to Regions for reference and distribution.
- Cal OES Recovery continues to coordinate the Community Impacts Workgroup conference calls. Currently, the calls take place on alternating Wednesdays.
- Cal OES Recovery/Individual Assistance finalized an updated 2015 version of the drought brochure of programs and services for individuals, businesses, farmers, and ranchers. It has been put on the Governor's Drought webpage. State agencies may put the following link to the brochure on their webpage <http://ca.gov/drought/pdf/Drought-Assistance-Brochure-2015.pdf>
- Cal OES Regions (Inland, Coastal, Southern) collective OA drought call is facilitated by the SOC and will be held once per month.

# CAL OES 2014 DROUGHT

## Cal EOC Incident – 2014 Drought

### **Local Emergency Proclamations:**

**A total of 63 local Emergency Proclamations have been received to date from city, county, and tribal governments, as well as special districts:**

- 29 Counties: Butte, Colusa, Calaveras, El Dorado, Fresno, Glenn, Inyo, Humboldt, Kern, Kings, Lake, Madera, Mariposa, Merced, Modoc, Plumas, San Bernardino, San Joaquin, San Luis Obispo, Santa Barbara, Shasta, Siskiyou, Sonoma, Stanislaus, Sutter, Trinity, Tulare, Tuolumne, and Yuba.
- 13 Cities: City of Live Oak (Sutter County), City of Lodi (San Joaquin County), City of Manteca (San Joaquin County), City of Montague (Siskiyou County), City of Porterville (Tulare County), City of Portola (Plumas County), City of Ripon (San Joaquin County), City of San Juan Bautista (San Benito County), City of Santa Barbara (Santa Barbara County), City of Rancho Cucamonga (San Bernardino County) and City of West Sacramento (Yolo County), City of Willits (Mendocino County), and City of Fort Bragg (Mendocino County).
- 9 Tribes: Cortina Indian Rancheria (Colusa County), Hoopa Valley Tribe (Humboldt County), Karuk Tribe (Siskiyou/Humboldt Counties), Kashia Band of Pomo Indians of the Stewarts Point Rancheria (Sonoma County), Picayune Rancheria of Chukchansi Indians (Madera County) Sherwood Valley Pomo Indian Tribe (Mendocino County), Tule River Indian Tribe (Tulare County), Yocha Dehe Wintun Nation (Yolo County), and Yurok Tribe (Humboldt County).
- 12 Special Districts: Carpinteria Valley Water District (Santa Barbara County), Goleta Water District (Santa Barbara County), Groveland Community Services District (Tuolumne County), Lake Don Pedro Community Services District (Mariposa Stanislaus County), Mariposa Public Utility District (Mariposa County), Meiners Oaks Water District (Ventura County), Montecito Water District (Santa Barbara County), Mountain House Community Service District (San Joaquin County), Nevada Irrigation District (Nevada County), Placer County Water Agency (Placer County), Tuolumne Utilities District (Tuolumne County), and Twain Harte Community Services District (Tuolumne County).



# CAL OES MISSIONS

## New/Ongoing Missions

- **2016-LAW-20870, 1/15/16, 2055 hours:** Placer County requested assistance in the search for a skier missing from the area of the Sugar Bowl Ski Resort near Donner Pass. Placer County had a general location of the missing person based on a “ping” from a cell phone, and were requesting 20 Type I personnel to search an area with heavy recent snowfall and snow slides. The request was for a search starting 0800 on 1/16. A Nordic team of 14 from Contra Costa County was in the area doing training. They agreed to commit to the search. Additional personnel were obtained from the National Ski Patrol, Northern California Unit. **Update 1/17/16:** [Search continues using additional aviation resources from the California National Guard \(CNG\).](#) **Mission On Going**



**Mission:**

We protect lives and property, build capabilities, and support our communities for a resilient California.

*We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.*